



Weston Solutions, Inc.
Suite 201
1090 King Georges Post Road
Edison, New Jersey 08837-3703
732-585-4400 • Fax: 732-225-7037
www.westonsolutions.com

The Trusted Integrator for Sustainable Solutions

REMOVAL SUPPORT TEAM 3
EPA CONTRACT EP-S2-14-01

RST 3-02-F-0025

TRANSMITTAL MEMO

To: Mr. Mark Bellis, On-Scene Coordinator
Removal Action Branch
U.S. EPA, Region II

From: Smita Sumbaly, Data Reviewer
RST 3, Region II

Subject: Wildroot Building Site
Data Validation Assessment

Date: October 9, 2014

The purpose of this memo is to transmit the following information:

- Data validation results for the following parameters:

Asbestos PLM	42 Samples
Asbestos PLM/TEM	1 Sample

- Matrices and Number of Samples

Soil/Dust	9 Samples
Bulk	34 Samples

- Sampling Dates: August 6 and 7, 2014

The final data assessment narrative and original analytical data package are attached.

cc: RST 3 SPM:	Joel Siegel
RST 3 SITE FILE TDD #:	TO-0001-0018
RST 3 ANALYTICAL TDD #:	TO-0001-0051
TASK#:	1051

an employee-owned company

In association with Scientific and Environmental Associates, Inc.,
Environmental Compliance Consultants, Inc., Avatar Environmental, LLC,
On-Site Environmental, Inc., and Sovereign Consulting, Inc.



325678



U.S. ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: October 9, 2014

TO: Mark Bellis, On-Scene Coordinator
U.S. EPA, Region II

FROM: Smita Sumbaly
RST 3 Data Review Team

SUBJECT: QA/QC Compliance Review Summary

As requested quality control and performance measures for the data packages noted have been examined and compared to EPA standards for compliance. Measures for the following general areas were evaluated as applicable:

Data Completeness
Sample Collection, Holding Times, and Preservation
Blank Analysis
Sample Sensitivity
Monthly Report PLM/TEM Calibrations

Any statistical measures used to support the following conclusions are attached so that the review may be reviewed by others.

Summary of Results

	<u>Asbestos</u> <u>PLM/TEM</u>
Acceptable as Submitted	<u>X</u>
Acceptable with Comments	<u> </u>
Unacceptable, Action Pending	<u> </u>
Unacceptable	<u> </u>

Data Reviewed by: Smita Sumbaly 

Date: 10/09/2014

Approved By: 

Date: 10/9/14

Area Code/Phone No.: (732) 585-4410

NARRATIVE

PCS No. 1051

SITE NAME: **Wildroot Building Site**
1740 Bailey Avenue,
Buffalo, Erie County, New York

Laboratory Name: **Batta Laboratories, 6 Garfield Way, Newark, DE 19713-5817.**

INTRODUCTION:

The laboratory's portion of this case consisted of 34 bulk presumed asbestos-containing material (PACM) samples, and nine soil/dust samples, including one field duplicate. All samples were collected on August 6 and 7, 2014. The Batta Lab Project number is L6888K.

The laboratory reported No problem(s) with the receipt of these samples.

The laboratory reported No problems with the analyses of Asbestos PLM or TEM samples.

The evaluator has commented on the criteria specified under each fraction heading. All criteria have been assessed, but no discussion is given where the evaluator has determined that criteria were adequately performed or require no comment. Details relevant to these comments are given on the following forms.

Appropriate Form Is and Chain of Custody have been copied from the original data package and appended to the data assessment narrative for reference.

STANDARD OPERATING PROCEDURE

Page 1 of 8

Title: Evaluation of Asbestos Data
Data Assessment Narrative

RFP #: 306/Task#: 1051

Site: Wildroot Building Site

Contractor: WESTON-RST 3

Reviewer: SMITA SUMBALY

Matrix/No. of Samples: Bulk-34, Soil/Dust-9

A.2.1 Validation Flags-

The following flags have been applied in red by the data validator and must be considered by the data user.

J-

This flag indicates the result qualified as estimated.

Red- Line-

A red-line drawn through a sample result indicates an unusable value. The red-lined data are known to contain significant errors based on documented information and must not be used by the data user.

Fully Usable Data-

The results that do not carry "J" or "red-line" are fully usable.

A.2.2 The data assessment is given below and on the attached sheets.

On August 6 and 7, 2014, U.S. EPA Region II, RST 3 personnel collected 32 bulk PACM samples and nine soil/dust samples from the Wildroot Building Site, located at 1740 Bailey Avenue, Buffalo, Erie County, New York. Within 24 hours of collection, all the samples were shipped via FedEx to Batta Laboratories, 6 Garfield Way, Newark, DE 19713-5817. The laboratory verified that the samples were received intact and properly custody sealed.

Out of the 34 bulk PACM samples, 32 friable bulk PACM samples were analyzed by Polarized Light Microscopy (PLM) using the procedures from the PLM NYS ELAP 198.1 Method. Data was reported as percent asbestos. The quantification limit for the method is <0.25%.

Two non-friable bulk PACM samples were analyzed by Polarized Light Microscopy (PLM) using the procedures from the PLM NYS ELAP 198.6 Method. Data was reported as percent asbestos. The quantification limit for the method is <0.25%.

As per NYS ELAP 198.6 Method, any sample found to be <0.25% or Inconclusive were then analyzed by Transmission Electron Microscopy (TEM) using the procedure from TEM NYS ELAP 198.4. One sample was analyzed by NYS ELAP 198.4 Method. Data was reported as percent asbestos. The quantification limit for the method is 0.01%.

Nine soil/dust samples were dried prior to being placed in the freezer mill. The milled samples were then analyzed via PLM using the CARB 435, 400 point count. All data was reported on a % asbestos basis. The quantification limit for this Method is <0.25%.

STANDARD OPERATING PROCEDURE

Page 2 of 8

Title: Evaluation of Asbestos Data
Data Assessment Narrative

Client identification (ID) and laboratory ID numbers are as follows:

<u>Client ID No.</u>	<u>Laboratory ID No.</u>	<u>Matrix</u>	<u>Sampling Date</u>	<u>Analysis</u>
P001-ACM013-01	797986	Dust	8/07/2014	Asbestos PLM
P001-ACM016-01	797987	Dust	8/07/2014	Asbestos PLM
P001-ACM023-01	797988	Dust	8/07/2014	Asbestos PLM
P001-S001-0002-01	797989	Soil	8/07/2014	Asbestos PLM
P001-S002-0002-01	797990	Soil	8/07/2014	Asbestos PLM
P001-S003-0002-01	797991	Soil	8/07/2014	Asbestos PLM
P001-S003-0002-02 ¹	797992	Soil	8/07/2014	Asbestos PLM
P001-S005-0002-01	797993	Soil	8/07/2014	Asbestos PLM
P001-S006-0002-01	797994	Soil	8/07/2014	Asbestos PLM
P001-ACM002-01	797995	Bulk	8/06/2014	Asbestos PLM
P001-ACM003-01	797996	Bulk	8/06/2014	Asbestos PLM
P001-ACM004-01	797997	Bulk	8/06/2014	Asbestos PLM
P001-ACM005-01	797998	Bulk	8/06/2014	Asbestos PLM
P001-ACM006-01	797999	Bulk	8/06/2014	Asbestos PLM
P001-ACM007-01	798000	Bulk	8/06/2014	Asbestos PLM
P001-ACM008-01	798001	Bulk	8/07/2014	Asbestos PLM
P001-ACM010-01	798003	Bulk	8/07/2014	Asbestos PLM
P001-ACM011-01	798004	Bulk	8/07/2014	Asbestos PLM
P001-ACM012-01	798005	Bulk	8/07/2014	Asbestos PLM
P001-ACM014-01	798006	Bulk	8/07/2014	Asbestos PLM
P001-ACM015-01	798007	Bulk	8/07/2014	Asbestos PLM
P001-ACM017-01	798008	Bulk	8/07/2014	Asbestos PLM
P001-ACM018-01	798009	Bulk	8/07/2014	Asbestos PLM
P001-ACM019-01	798010	Bulk	8/07/2014	Asbestos PLM
P001-ACM020-01	798011	Bulk	8/07/2014	Asbestos PLM
P001-ACM021-01	798012	Bulk	8/07/2014	Asbestos PLM
P001-ACM022-01	798013	Bulk	8/07/2014	Asbestos PLM
P001-ACM024-01	798014	Bulk	8/07/2014	Asbestos PLM
P001-ACM025-01	798015	Bulk	8/07/2014	Asbestos PLM
P001-ACM026-01	798016	Bulk	8/07/2014	Asbestos PLM
P001-ACM027-01	798017	Bulk	8/07/2014	Asbestos PLM
P001-ACM028-01	798018	Bulk	8/07/2014	Asbestos PLM
P001-ACM029-01	798019	Bulk	8/07/2014	Asbestos PLM
P001-ACM030-01	798020	Bulk	8/07/2014	Asbestos PLM
P001-ACM031-01	798021	Bulk	8/07/2014	Asbestos PLM
P001-ACM033-01	798023	Bulk	8/07/2014	Asbestos PLM

STANDARD OPERATING PROCEDURE

Page 8 of 8

Title: Evaluation of Asbestos Data
Data Assessment Narrative

Asbestos TEM analysis of Bulk by NY State ELAP 198.4:

Out of the two non-friable bulk samples, one sample was reported as less than 0.25% asbestos or inconclusive. Laboratory performed the confirmation analysis on one sample by TEM using the procedures from the TEM NYS ELAP 198.4 Method. TEM data was reported on a percent asbestos basis. The quantification limit of this Method is $<0.01\%$. One sample was reported as not detected.

For QC purposes, the laboratory reanalyzed five samples and QC results are acceptable. The laboratory also submitted PLM Daily Reference Analysis, Daily PLM Checklist, Refractive index Oil calibration Worksheet, and TEM routine Alignment and Calibration.

The results presented for the soil and bulk samples are acceptable as reported. No qualifications were required.

A.2.3 Contract Problem/Non-Compliance:

Laboratory reported incorrect sample numbers in case narrative. Correct number of samples should be 34 not 32. Data reviewer manually corrected the sample numbers in laboratory case narrative.

Contractor Reviewer:


Signature:

10/9/14
Date:

Verified by:


Signature:

10/9/14
Date:

Batta Data Package Checklist

Company:	<u>Batta Laboratories, Inc.</u>	EPA ID#:	<u>DE 004</u>
EPA CASE#:	<u>RFP 306</u>	LAB PROJ#:	<u>L6888K</u>
EPA SDG#:	<u>N/A</u>	Date Received:	<u>8/9/2014</u>
Total Units:	<u>41</u>	Revision #:	<u>INITIAL</u>

Data Package Type:	<input type="checkbox"/> Particle Size	<input type="checkbox"/> Moisture	Sample Matrix:	<input checked="" type="checkbox"/> Bulk	
<input checked="" type="checkbox"/> PLM	<input type="checkbox"/> PCM	<input checked="" type="checkbox"/> TEM	<input checked="" type="checkbox"/> Soil	<input type="checkbox"/> Air	<input type="checkbox"/> Water
<u>X</u> COC	<u>X</u> Prep Sheet	<u>N/A</u> EDD			
<u>X</u> QA Data	<u>X</u> Bench Sheet	<u>X</u> MISC.			

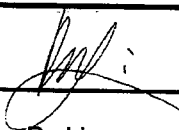
Case Narrative:

This data package pertinent to sample analysis under the EPA order RFP# 306 through Weston Solutions, Inc. Date of sample receiving and sample conditions, together with the sample matrix information are documented on the client provided COC(s). There are total of 41 bulk samples (including soils) received for analysis: 32 samples requested for analysis by the NY ELAP method Item# 198.1 by PLM and 9 requested for analysis by the CARB 435 (1991) PLM method. In compliance with the NY 198.1 method, two of the 32 samples initially analyzed by the NY 198.1 method were later upgraded to NY 198.6 method by PLM, one of which was later further upgraded to the NY 198.4 method by TEM.

The lowest detection limit defined by the NY 198.1 and 198.6 methods is 0.25% derived from a 400 point-count procedure. <0.25% asbestos means that the asbestos is present, but not quantifiable by the method and is below 0.25% if any. The result "No Asbestos Found" in the report denotes that there is no asbestos present in all subsamples or sub-preps used to make the conclusion. If necessary, it can be regarded as containing <0.25% asbestos, if any. The detection limit of the NY 198.4 method by TEM can be as low as 0.01%. Details of the quantification method can be obtained from the data validation section of this package.

The data package contains only this hard copy report, containing sections arranged in the following order: Batta Data Package Check List (w/ case narratives); Summary Report of Analysis; Field COC; Data Validation and Calculation; Reanalysis; Standard Analysis; Calibrations and Routines; and Analytical Bench Sheets.

Please direct all technical inquiries to: Bo Li, Ph. D., Batta Laboratories, Inc., Delaware Industrial Park, 6 Garfield Way, Newark, DE 19713; or at E-mail: bo.li@battaenv.com.

Signature:		Title:	<u>Manager</u>
Print Name:	<u>Bo Li</u>	Date:	<u>9/23/2014</u>

SUMMARY REPORT OF ANALYSIS

BY

CARB 435 (1991)

NY Item# 198.1

NY Item# 198.6

NY Item# 198.4

Dedicated to a Cleaner
Environment Since 1982



batta
LABORATORIES

BATTALABORATORIES, INC.

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448



NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 1 of 2

COC#: 2-080914-105504-0006

Test Method: CARB 435 (1991) with Batta SOP

Report Date: 8/25/2014

Sampling Data

BLI Project #: L6888K

Date Sampled: 8/7/2014

Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072

Sampled By: CLIENT

Date Analyzed: 8/25/2014

Sample ID		Client-supplied Data			Analytical Data		Reported Results	
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components	Asbestiform Components
797986	P001-ACM013-01		DUST	N/A	GRANULAR	BEIGE WHITE	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797987	P001-ACM016-01		DUST	N/A	GRANULAR	BEIGE WHITE	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797988	P001-ACM023-01		DUST	N/A	GRANULAR	BEIGE WHITE	3% CELLULOSE 97% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797989	P001-S001-0002-01		soil	N/A	GRANULAR	BROWN	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797990	P001-S002-0002-01		soil	N/A	GRANULAR	BROWN	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND

Note 1 Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2 The test method utilizes the plate grinding method for sample preparation, which tends to yield lower fiber counts for amphibole by PLM. TEM analysis is strongly recommended if a definitive quantitation is needed.

Note 3 Otherwise specified, Tr=Trace or < 0.25% based on 400 points count.

ANALYST: AY

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.

Dedicated to a Cleaner
Environment Since 1982



batta
LABORATORIES

BATTALABORATORIES, INC.

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448



NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 2 of 2

COC#: 2-080914-105504-0006

Test Method: CARB 435 (1991) with Batta SOP

Report Date: 8/25/2014

Sampling Data

BLI Project #: L6888K

Date Sampled: 8/7/2014

Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072

Sampled By: CLIENT

Date Analyzed: 8/25/2014

Sample ID		Client-supplied Data			Analytical Data		Reported Results	
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components	Asbestiform Components
797991	P001-S003-0002-01		soil	N/A	GRANUL AR	BROWN	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797992	P001-S003-0002-02		soil	N/A	GRANUL AR	BROWN	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797993	P001-S005-0002-01		soil	N/A	GRANUL AR	RED	98.75% NON-FIBROUS MATERIAL	1.25% CHRYSOTILE
797994	P001-S006-0002-01		soil	N/A	GRANUL AR	BLACK	100% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND

Note 1: Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2: The test method utilizes the plate grinding method for sample preparation, which tends to yield lower fiber counts for amphibole by PLM. TEM analysis is strongly recommended if a definitive quantitation is needed.

Note 3: Otherwise specified, Tr=Trace or < 0.25% based on 400 points count.

ANALYST: AY

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.

Dedicated to a Cleaner
Environment Since 1982



batta
LABORATORIES

BATTALABORATORIES, INC.

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE19713-5817
Tel. (302)737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448



NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 1 of 7

COC#: N/A		Test Method: NY ELAP 198.1					Report Date: 8/22/2014	
Sampling Data							Date Sampled: 8/6/2014	
BLI Project #:		L6888K					Sampled By: CLIENT	
Project Name:		WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072					Date Analyzed: 8/21/2014	
Sample ID		Client-supplied Data			Analytical Data		Reported Results	
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components	Asbestiform Components
797995	P001-ACM002-01		BULK	N/A	GRANULAR	BEIGE	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797996	P001-ACM003-01		BULK	N/A	FIRM	BEIGE	5% CELLULOSE 95% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797997	P001-ACM004-01		BULK	N/A	SOFT	WHITE	82.61% NON-FIBROUS MATERIAL	17.39% CHRYSOTILE
797998	P001-ACM005-01		BULK	N/A	FIRM	BEIGE	5% CELLULOSE 95% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
797999	P001-ACM006-01		BULK	N/A	FIRM	BEIGE	5% CELLULOSE 95% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND

Note 1 Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2 Otherwise specified, Tr=Trace or <0.25% by 400-point count.

ANALYST: A. YOHN

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.

Dedicated to a Cleaner
Environment Since 1982



batta
LABORATORIES

BATTALABORATORIES, INC.

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448



NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 2 of 7

COC#: N/A		Test Method: NY ELAP 198.1					Report Date: 8/22/2014	
Sampling Data							Date Sampled: 8/6/2014	
BLI Project #: L6888K							Sampled By: CLIENT	
Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072							Date Analyzed: 8/21/2014	
Sample ID		Client-supplied Data		Analytical Data			Reported Results	
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components	Asbestiform Components
798000	P001-ACM007-01		BULK	N/A	SOFT	WHITE	81.82% NON-FIBROUS MATERIAL	18.18% CHRYSOTILE
798001	P001-ACM008-01		BULK	N/A	SOFT	BEIGE	10% CELLULOSE 90% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
798003	P001-ACM010-01		BULK	N/A	GRANULAR	TAN	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
798004	P001-ACM011-01		BULK	N/A	GRANULAR	BEIGE	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
798005	P001-ACM012-01		BULK	N/A	FIRM	TAN	5% CELLULOSE 95% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND

Note 1 Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2 Otherwise specified, Tr=Trace or <0.25% by 400-point count.

ANALYST: A. YOHN

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.

Dedicated to a Cleaner
Environment Since 1982



batta
LABORATORIES

BATTALABORATORIES, INC.

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448



NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 3 of 7

COC#: N/A		Test Method: NY ELAP 198.1				Report Date: 8/22/2014	
Sampling Data						Date Sampled: 8/7/2014	
BLI Project #: L6888K						Sampled By: CLIENT	
Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072						Date Analyzed: 8/21/2014	
Sample ID	Client-supplied Data			Analytical Data		Reported Results	
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components
798006	P001-ACM014-01		BULK	N/A	GRANULAR	TAN	100% NON-FIBROUS MATERIAL
							NO ASBESTOS FOUND
798007	P001-ACM015-01		BULK	N/A	GRANULAR	BEIGE	1% CELLULOSE 99% NON-FIBROUS MATERIAL
							NO ASBESTOS FOUND
798008	P001-ACM017-01		BULK	N/A	GRANULAR	TAN	100% NON-FIBROUS MATERIAL
							NO ASBESTOS FOUND
798009	P001-ACM018-01		BULK	N/A	SOFT	BEIGE	63.64% NON-FIBROUS MATERIAL
							36.36% CHRYSOTILE
798010	P001-ACM019-01		BULK	N/A	PAPER-LIKE	BEIGE	60.00% NON-FIBROUS MATERIAL
							40.00% CHRYSOTILE

Note 1: Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2: Otherwise specified, Tr=Trace or <0.25% by 400-point count.

ANALYST: A. YOHN

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.

Dedicated to a Cleaner
Environment Since 1982



batta
LABORATORIES

BATTALABORATORIES, INC.

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448

NVLAP
#101032

NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 4 of 7

COC#: N/A		Test Method: NY ELAP 198.1					Report Date: 8/22/2014	
Sampling Data							Date Sampled: 8/7/2014	
BLI Project #: L6888K							Sampled By: CLIENT	
Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072							Date Analyzed: 8/21/2014	
Sample ID		Client-supplied Data		Analytical Data		Reported Results		
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components	Asbestiform Components
798011	P001-ACM020-01		BULK	N/A	FIRM	WHITE	100% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
798012	P001-ACM021-01		BULK	N/A	FIRM	BEIGE	5% CELLULOSE 95% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
798013	P001-ACM022-01		BULK	N/A	GRANULAR	BEIGE WHITE	100% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
798014	P001-ACM024-01		BULK	N/A	PAPER-LIKE	TAN	60.00% CELLULOSE 15.00% MINERAL WOOL 15.91% NON-FIBROUS MATERIAL	9.09% CHRYSOTILE
798015	P001-ACM025-01		BULK	N/A	GRANULAR	GRAY	1% CELLULOSE 99% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND

Note 1: Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2: Otherwise specified, Tr=Trace or <0.25% by 400-point count.

ANALYST: A. YOHN

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.

Dedicated to a Cleaner
Environment Since 1982



batta
LABORATORIES

BATTALABORATORIES, INC.

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448



NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 5 of 7

COC#: N/A		Test Method: NY ELAP 198.1					Report Date: 8/22/2014	
Sampling Data							Date Sampled: 8/7/2014	
BLI Project #: L6888K							Sampled By: CLIENT	
Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072							Date Analyzed: 8/22/2014	
Sample ID		Client-supplied Data		Analytical Data			Reported Results	
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components	Asbestiform Components
798016	P001-ACM026-01		BULK	N/A	PAPER-LIKE	WHITE	10.00% CELLULOSE 50.00% NON-FIBROUS MATERIAL	40.00% CHRYSOTILE
798017	P001-ACM027-01		BULK	N/A	SOFT	WHITE	42.86% NON-FIBROUS MATERIAL	57.14% CHRYSOTILE
798018	P001-ACM028-01		BULK	N/A	SOFT	WHITE	67.17% NON-FIBROUS MATERIAL	23.53% CHRYSOTILE 9.30% AMOSITE
798019	P001-ACM029-01		BULK	N/A	PAPER-LIKE	BEIGE	50.00% NON-FIBROUS MATERIAL	50.00% CHRYSOTILE
798020	P001-ACM030-01		BULK	N/A	PAPER-LIKE	BEIGE	50.00% NON-FIBROUS MATERIAL	50.00% CHRYSOTILE

Note 1: Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2: Otherwise specified, Tr=Trace or <0.25% by 400-point count.

ANALYST: A. YOHN

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.

Dedicated to a Cleaner
Environment Since 1982

**BATTALABORATORIES, INC.**

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE19713-5817
Tel. (302)737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448



NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 6 of 7

COC#: N/A		Test Method: NY ELAP 198.1					Report Date: 8/22/2014	
Sampling Data							Date Sampled: 8/7/2014	
BLI Project #: L6888K							Sampled By: CLIENT	
Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072							Date Analyzed: 8/22/2014	
Sample ID		Client-supplied Data		Analytical Data			Reported Results	
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components	Asbestiform Components
798021	P001-ACM031-01		BULK	N/A	FIRM	BEIGE	100% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
798023	P001-ACM033-01		BULK	N/A	FIRM	TAN	100% NON-FIBROUS MATERIAL	NO ASBESTOS FOUND
798024	P001-ACM034-01		BULK	N/A	SOFT	GRAY	60.00% NON-FIBROUS MATERIAL	40.00% CHRYSOTILE
798025	P001-ACM035-01		BULK	N/A	PAPER-LIKE	BEIGE	20.00% CELLULOSE 43.64% NON-FIBROUS MATERIAL	36.36% CHRYSOTILE
798026	P001-ACM036-01		BULK	N/A	SOFT	TAN	20.00% MINERAL WOOL 68.24% NON-FIBROUS MATERIAL	11.76% CHRYSOTILE

Note 1 Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2 Otherwise specified, Tr=Trace or <0.25% by 400-point count.

ANALYST: A. YOHN

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.

Dedicated to a Cleaner
Environment Since 1982



batta
LABORATORIES

BATTALABORATORIES, INC.

A Certified MBE Company
Delaware Industrial Park, 6 Garfield Way
Newark, DE 19713-5817
Tel. (302) 737-3376 Fax (302) 737-5764

EPA LAB ID #DE004



A.I.H.A./NLLP
#100448



NVLAP
#101032

Web: <http://www.battaenv.com> E-mail: battaenv@battaenv.com

Batch #: N/A
Revision #: 0

CERTIFICATE OF PLM ANALYSIS

Page 7 of 7

COC#: N/A		Test Method: NY ELAP 198.1					Report Date: 8/22/2014	
Sampling Data								
BLI Project #:		L6888K					Date Sampled: 8/7/2014	
Project Name:		WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072					Sampled By: CLIENT	
							Date Analyzed: 8/22/2014	
Sample ID		Client-supplied Data			Analytical Data		Reported Results	
Lab Sample#	Client Sample#	Sample Location	Material Type	Friable?	Texture	Color	Non-asbestiform Components	Asbestiform Components
798027	P001-ACM037-01		BULK	N/A	FIBROUS	BROWN	50% HAIR 50% CELLULOSE	NO ASBESTOS FOUND
798028	P001-ACM001-01		BULK	N/A	PAPER-LIKE	WHITE	20.00% CELLULOSE 43.64% NON-FIBROUS MATERIAL	36.36% CHRYSOTILE

Note 1 Tremolite/actinolite (if any) reported in this report may have both physical and optical properties that are either similar to or characteristic of Libby Amphibole of winchite-richterite series. However, TEM analysis is needed should determination of Libby Amphibole be further pursued for certainty.

Note 2 Otherwise specified, Tr=Trace or <0.25% by 400-point count.

ANALYST: A. YOHN

REVIEWED BY: 

*This report does not constitute endorsement by NVLAP and/or any other US government agencies.

*The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories, Inc. assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment.

* Due to the general heterogeneity of asbestos containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

* Electronic versions of the certificate of analysis (i.e. Excel files, PDF files, Word files, etc.) are not under the warranty of authenticity and accuracy of the original analytical results kept on file by the Batta Laboratories, Inc. (BLI). Under all circumstances BLI should be notified in writing for any changes made to these electronic certificates of analysis. Under no circumstances will BLI be liable for changes made to the electronic certificate of analysis without BLI's prior consent in writing.



Excellence in Environmental
Services Since 1982



BATTA LABORATORIES, INC.
A Certified MBE Company
Delaware Industrial Park - 6 Garfield Way - Newark, DE 19713-5817
(302) 737-3376 - Fax (302) 737-5764
Web: www.battaenv.com E-mail: battaenv@battaenv.com

E.P.A. LAB ID# DE004



AIHA LAP, LLC.
#100448



NVLAP
#101032

CERTIFICATE OF PLM ANALYSIS

Page 1 of 1

Rev# 0

Test Method: New York State Method Item No. 198.6

Report Date: 8/25/2014

Sampling Data

BLI Project #: L6888K
Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072
Project Location: NA

Date Sampled: 8/7/2014

Sampled By: CLIENT

Date Analyzed: 8/21/2014

Analytical Data

Sample ID		Sample Description			Gravimetric Data		Analytical Results*		
Lab Sample #	Client Sample #	Sample Location	Material Type	Sample Color	Ashed Residue	Insoluble Residue	Non-Asbestos Content		Asbestos Content
							Other Content*	Inorganic Fibrous Content*	
798002	P001-ACM009-01	P001-ACM009	MASTIC	BROWN	51.66%	44.76%	100.00%	N/A	NONE DETECTED
Further TEM Testing Recommended*									
798022	P001-ACM032-01	P001-ACM032	MASTIC	BROWN	43.21%	40.78%	98.76%	N/A	1.24% ANTH Total: 1.24%
Asbestos Containing									

ANALYST:

A. Yohn

REVIEWED BY:

*Keys: AMO=Amosite, CHRY=Chrysotile, TREM=Tremolite, ACT=Actinolite, ANTH=Anthophyllite, CROC=Crocidolite, GF = Glass Fiber, WOLL = Wollastonite, CAL = Calcite, GYP = Gypsum, QTZ = Quartz, CF = Ceramic Fiber. Otherwise specified in the report, contents of non-asbestos inorganic fibers are not given.

*Results reported are based on final residue via matrix reduction. Otherwise specified, 400-point count method was used for asbestos fibers and visual for other fibers.

*NY Method No. 198.6 mandates that negative results (based on EPA NESHAP definition) are inconclusive for samples that have more than 1% residue. This report does not constitute endorsement by NVLAP and/or any other U.S. government agencies. The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment. Due to the general inhomogeneity of asbestos-containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM bulk analysis. Submission of fewer samples may compromise the accuracy of ACM determination.



Excellence in Environmental
Services Since 1982



BATTA LABORATORIES, INC.
A Certified MBE Company
Delaware Industrial Park - 6 Garfield Way - Newark, DE 19713-5817
(302) 737-3376 - Fax (302) 737-5764
Web: www.battaenv.com E-mail: battaenv@battaenv.com

E.P.A. LAB ID# DE004



AIHA LAP, LLC.
#100448



NVLAP

CERTIFICATE OF TEM BULK ANALYSIS

Page 1 of 1

Rev#: 0

Test Method: New York State Method Item No. 198.4

Report Date: 9/2/2014

Sampling Data

BLI Project #: L6888K
Project Name: WESTON SOLUTIONS-RFP NO. 306-EP-W-06-072
Project Location: NA

Date Sampled: 8/7/2014
Sampled By: CLIENT
Date Analyzed: 8/29/2014

Analytical Data

Sample ID		Sample Description			Gravimetric Data		Analytical Results*		
Lab Sample #	Client Sample #	Sample Location	Material Type	Sample Color	Ashed Residue	Insoluble Residue	Non-Asbestos Content		Asbestos Content
							Other Content*	Inorganic Fibrous Content*	
798671	P001-ACM009-01	P001-ACM009	MASTIC	BROWN	51.66%	44.76%	100.00%	N/A	NONE DETECTED

ANALYST:

JX

REVIEWED BY:

*Keys: AMO=Amosite, CHRY=Chrysotile, TREM=Tremolite, ACT=Actinolite, ANTH=Anthophyllite, CROC=Crocidolite, GF = Glass Fiber, WOLL = Wollastonite, CAL = Calcite, GYP = Gypsum, QTZ = Quartz, CF = Ceramic Fiber. Otherwise specified in the report, contents of non-asbestos inorganic fibers are not given.

*Results reported are based on final residue through matrix reduction. Due to resolution differences, discrepancies between TEM results and PLM results are expected. This report does not constitute endorsement by NVLAP and/or any other U.S. government agencies. The test data pertain only to the items tested. No assumptions or conclusions should be made to materials or samples not analyzed. Furthermore, Batta Laboratories assumes no responsibility for the accuracy of results influenced by the use of improper collection techniques or equipment. Due to the general inhomogeneity of asbestos-containing materials (ACM), EPA and OSHA have recommended submission of at least three samples of each type of materials for PLM bulk analysis. Submission of fewer samples may compromise the accuracy of ACM determination.

FIELD COC

USEPA

DateShipped: 8/9/2014

CarrierName: FedEx

AirbillNo: 7707 9913 0348

CHAIN OF CUSTODY RECORD

Case #: 306

Contact Name: Peter Lisichenko

Contact Phone: 603-512-4350

No: 2-080914-105504-0006

Cooler #: 1

Lab: Batta Laboratories

Lab Phone: 302-737-3376

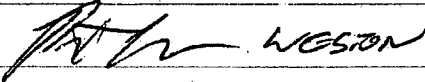
Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
77995	P001-ACM002-01	Courtyard	Asbestos	Bulk	8/6/2014	16:20	1	Bag	None	N
796	P001-ACM003-01	Courtyard	Asbestos	Bulk	8/6/2014	16:30	1	Bag	None	N
997	P001-ACM004-01	South Parking Lot	Asbestos	Bulk	8/6/2014	16:40	1	Bag	None	N
998	P001-ACM005-01	South Parking Lot	Asbestos	Bulk	8/6/2014	16:50	1	Bag	None	N
999	P001-ACM006-01	South Parking Lot	Asbestos	Bulk	8/6/2014	17:00	1	Bag	None	N
79800	P001-ACM007-01	South Parking Lot	Asbestos	Bulk	8/6/2014	17:10	1	Bag	None	N
001	P001-ACM008-01	South Parking Lot	Asbestos	Bulk	8/7/2014	09:08	1	Bag	None	N
002	P001-ACM009-01	P001-ACM009	Asbestos 198.6 198.4	Bulk	8/7/2014	09:15	1	Bag	None	N
003	P001-ACM010-01	P001-ACM010	Asbestos	Bulk	8/7/2014	09:23	1	Bag	None	N
004	P001-ACM011-01	P001-ACM011	Asbestos	Bulk	8/7/2014	09:28	1	Bag	None	N
005	P001-ACM012-01	P001-ACM012	Asbestos	Bulk	8/7/2014	09:31	1	Bag	None	N
006	P001-ACM013-01	P001-ACM013	Asbestos	Dust	8/7/2014	09:38	1	Bag	None	N
007	P001-ACM014-01	P001-ACM014	Asbestos	Bulk	8/7/2014	09:48	1	Bag	None	N
008	P001-ACM015-01	P001-ACM015	Asbestos	Bulk	8/7/2014	09:50	1	Bag	None	N
009	P001-ACM016-01	P001-ACM016	Asbestos	Dust	8/7/2014	09:55	1	Bag	None	N
010	P001-ACM017-01	P001-ACM017	Asbestos	Bulk	8/7/2014	10:00	1	Bag	None	N
011	P001-ACM018-01	P001-ACM018	Asbestos	Bulk	8/7/2014	10:15	1	Bag	None	N
012	P001-ACM019-01	P001-ACM019	Asbestos	Bulk	8/7/2014	10:22	1	Bag	None	N
013	P001-ACM020-01	P001-ACM020	Asbestos	Bulk	8/7/2014	10:25	1	Bag	None	N

Special Instructions: Soil/Dust - CARB 435

Bulk - NYS 198.1 or 198.6/198.4

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL SAMPLES ALL ANALYSES	 WESON	8/9/14	Bonnie Mei Batta Laboratories	8/14/14 09:50	ACCEPTABLE

RFP# 306 DATA PACKAGE

BATTA LABORATORIES, INC.

USEPA

Date Shipped: 8/9/2014

Carrier Name: FedEx

Airbill No: 7707 9913 0348

CHAIN OF CUSTODY RECORD

Case #: 306

Contact Name: Peter Lisichenko

Contact Phone: 603-512-4350

No: 2-080914-105504-0006

Cooler #: 1

Lab: Batta Laboratories

Lab Phone: 302-737-3376

RFP# 306 DATA PACKAGE

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
18012	P001-ACM021-01	P001-ACM021	Asbestos	Bulk	8/7/2014	10:27	1	Bag	None	N
013	P001-ACM022-01	P001-ACM022	Asbestos	Bulk	8/7/2014	10:30	1	Bag	None	N
—	P001-ACM023-01	P001-ACM023	Asbestos	Dust	8/7/2014	10:35	1	Bag	None	N
014	P001-ACM024-01	P001-ACM024	Asbestos	Bulk	8/7/2014	10:36	1	Bag	None	N
015	P001-ACM025-01	P001-ACM025	Asbestos	Bulk	8/7/2014	10:37	1	Bag	None	N
016	P001-ACM026-01	P001-ACM026	Asbestos	Bulk	8/7/2014	16:15	1	Bag	None	N
017	P001-ACM027-01	P001-ACM027	Asbestos	Bulk	8/7/2014	16:20	1	Bag	None	N
018	P001-ACM028-01	P001-ACM028	Asbestos	Bulk	8/7/2014	16:30	1	Bag	None	N
019	P001-ACM029-01	P001-ACM029	Asbestos	Bulk	8/7/2014	16:40	1	Bag	None	N
020	P001-ACM030-01	P001-ACM030	Asbestos	Bulk	8/7/2014	16:45	1	Bag	None	N
021	P001-ACM031-01	P001-ACM031	Asbestos	Bulk	8/7/2014	16:50	1	Bag	None	N
022	P001-ACM032-01	P001-ACM032	Asbestos	Bulk	8/7/2014	16:55	1	Bag	None	N
023	P001-ACM033-01	P001-ACM033	Asbestos	Bulk	8/7/2014	17:02	1	Bag	None	N
024	P001-ACM034-01	P001-ACM034	Asbestos	Bulk	8/7/2014	17:06	1	Bag	None	N
025	P001-ACM035-01	P001-ACM035	Asbestos	Bulk	8/7/2014	17:08	1	Bag	None	N
026	P001-ACM036-01	P001-ACM036	Asbestos	Bulk	8/7/2014	17:17	1	Bag	None	N
027	P001-ACM037-01	P001-ACM037	Asbestos	Bulk	8/7/2014	17:29	1	Bag	None	N
028	P001-ACM001-01	Courtyard	Asbestos	Bulk	8/6/2014	16:00	1	Bag	None	N
—	P001-S001-0002-01	P001-S001	Asbestos	Soil	8/7/2014	08:55	1	8 oz	None	N

Special Instructions: Soil/Dust - CARB 435

Bulk - NYS 198.1 or 198.6/198.4

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL SAMPLES ALL ANALYSIS	<i>[Signature]</i> WESON	8/9/14	Bonnie Ma: Batta Laboratories	8/14/14 09:50	ACCEPTABLE

BATTAL LABORATORIES, INC.

AirbillNo: 7707 9913 0348

CHAIN OF CUSTODY RECORD

Case #: 306

Contact Name: Peter Lisichenko

Contact Phone: 603-512-4350

No: 2-080914-105504-0006

Cooler #: 1


Lab: Batta Laboratories

Lab Phone: 302-737-3376

[illegible]

Special Instructions: Soil/Dust - CARB 435
Bulk - NYS 198.1 or 198.6/198.4

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
ALL SAMPLES ALL ANALYSES	 WESTON	8/9/14	Bonnie Ma: BMTA LABORATORIES	8/11/14 @ OSD	ACCEPTABLE